

## ABSTRACT OF THE DISCLOSURE

In an image data conversion device which converts image data comprising pixels of M columns (M is a positive integer) in the horizontal direction \* N rows (N is a positive integer) in the vertical direction, the  
5 image data are the first one dimensional data wherein pixels for M columns continuing in the horizontal direction are repeated N times in sequence in the vertical direction, and the image data conversion device includes a line memory for storing the first one dimensional data, a detection circuit connected to the line memory for detecting the pixel number M in the  
10 horizontal direction of the first one dimensional data and a conversion circuit for converting the first one dimensional data into the second one dimensional data wherein each pixel of the first one dimensional data is arranged in the order in accordance with M.